Ms 198SR-103, Table T2. Calcareous nannofossil stratigraphic range chart, Site 1214.

Stage	Nannofossil zone	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Assipetra infracretacea*	*Assipetra terebrodentarius terebrodentarius*	*Assipetra terebrodentarius youngii*	*Axopodorhabdus albianus*	*Axopodorhabdus dietzmannii*	*Biscutum constans*	*Biscutum constans* (large)	*Braarudosphaera africana*	*Broinsonia matalosa*	*Bukrylithus ambiguus*	*Calcicalathina oblongata*	Calcispheres	*Chiastozygus litterarius*	*Chiastozygus platyrhethus*	*Cretarhabdus conicus*	*Cretarhabdus* cf. *C. conicus*	*Cretarhabdus striatus*	*Cribrosphaerella ehrenbergii*	*Crepidolithus parvulus*	*Crucibiscutum bosunensis*
		198-1214A-																							
Cenomanian	NC10b	2R-CC	6.90	G	A				F	F	A				C			R	R				F		
		3R-CC, 14	16.40	M	A				F	R	A	F		R	F			F	R				?•		
		4R-CC	25.90	M	A				F	R	A				R			R	•				?•		
		5R-1, 12	34.62	P–M	C						C	F													
		5R-CC	34.69	M	C				F	R	A	R			F			R							
Albian	NC10a	6R-1, 4	43.20	M–G	A			•	F	R	A	C			F			F				•			
		7R-1, 2–4	52.64	M–G	A				F	R	A	C	1		R			F							
		8R-1, 1	63.37	M	C						F	F			F			F							
	NC8c–NC9	9R-1, 8–11	72.09	G	A		•				A	F	•		F			F	•						
	NC8a–NC8b	10R-1, 13–15	81.83	M	A						F	R			R			R							
		11R-1, 58–60	91.98	M	A		R				F														
		12R-1, 35–37	101.45	M	A		R				C	R			R			F	•			R			
		13R-1, 8-9	110.78	M	A		R				R							R				R			
		14R-1, 24	120.64	M–G	A		R			R	A	F			F			•		F		F			
		15R-1, 42	130.42	M	A		F				C											R			
		15R-1, 54	130.54	M	A		F			F	C											R			
		16R-1, 29	139.98	M–G	A					F	C				F		R	•				R			
		17R-1, 27	149.58	M	C		F	F		R	C				F							R			
		18R-1, 30	159.10	M	C		F	F			F														
		19R-1, 2	168.52	M–G	A		F	F		F	C									R		•			
		19R-1, 37	168.77	M–G	A		F	F		R	C				R					F		R		?F	
		20R-1, 23–24	178.33	M–G	A		F	F		R	C				R					F				?R	R
Aptian	NC7	21R-1, 21–23	187.91	M	A		F	F												R					
		21R-1, 68	188.38	M	C		F			R															
		21R-1, 103–112	188.73	M	A		F			R															
		22R-1, 32–33	197.62	M–G	A		F	F			C									F	R	?•			
		22R-1, 43	197.72	M	C		F	•		R															
		22R-1, 72–77	198.02	M	C		F			•															
	NC6	23R-1, 54–56	207.54		B																				
		23R-1, 93	207.93		B																				
		23R-1, 112	208.12		B																				
		23R-1, 120–122	208.20	P	C		F	•		R															
		24R-1, 43	217.03	M	C		C													F					
H–B	NC5	24R-1, 46–47	217.06	M	C		C													R					
u. Haut.	NC4b	24R-1, 72–75	217.32	M	A		R			F	C					?•	R			F					
		25R-1, 12	226.32	M	A		R			F	C				•	R				•					
		25R-1, 19–20	226.39	M	A		R			F	C					•				•					
		25R-1, 22	226.42	M	A	?R	F			R	C									R					

Core, section, interval (cm)	*Cruciellipsis cuvillieri*	*Cyclagelosphaera jiangii*	*Cyclagelosphaera margerelii*	*Cyclagelosphaera rotelclypeata*	*Cylindralithus nudus*	*Cylindralithus nudus* (subcircular)	*Diadorhombus rectus*	*Diazomatolithus lehmanii*	*Discorhabdus biradiatus*	*Discorhabdus ignotus*	*Eiffellithus hancockii*	*Eiffellithus monechiae*	*Eiffellithus turriseiffelii*	*Eprolithus floralis*	*Flabellites oblongus*	*Gartnerago chiasta*	*Gartnerago stenostaurion*	*Gartnerago* cf. *G. theta*	*Grantarhabdus coronadventis*	*Grantarhabdus bukryi*
2R-CC				?•	F					C			C	F	F			•	R	
3R-CC, 14					F					F		•	C	F	F				•	
4R-CC				?•	F					C	F	?R	C	F	•				R	
5R-1, 12					F					R			F	R	R					
5R-CC					F					C			C	F						
6R-1, 4			•		F					C			C	F	R	•	•			
7R-1, 2–4				?•	C					F			C	F	R				R	
8R-1, 1					F					F			C		R					
9R-1, 8–11					F					C	R			F	F		R		R	
10R-1, 13–15					C									R	F					
11R-1, 58–60					C					R	R			R	R					
12R-1, 35–37					C					F	R			F	F					
13R-1, 8-9					F	F				F				F	F					
14R-1, 24					F	F				C	R			F	C				R	
15R-1, 42					F					C				F	F				•	
15R-1, 54					F					C				R	F				R	
16R-1, 29					F					C	R			F	F				F	•
17R-1, 27					F					C	•			R	C					
18R-1, 30					F					F				F	F					
19R-1, 2					F					C	•			F	C				•	
19R-1, 37					F					C				F	C					
20R-1, 23–24					R					C				F	C					
21R-1, 21–23										F				F	F					
21R-1, 68										F				F	F					
21R-1, 103–112										F				C	F					
22R-1, 32–33										A				C	F					
22R-1, 43			R					R		F				R	R					
22R-1, 72–77					•									•						
23R-1, 54–56																				
23R-1, 93																				
23R-1, 112																				
23R-1, 120–122			R							R										
24R-1, 43			C							F										
24R-1, 46–47			C																	
24R-1, 72–75	•		F					C	R	F										
25R-1, 12	•		C					C	?•	R										
25R-1, 19–20	•		C				•	A	F	F										
25R-1, 22	R	R	C					C												

Core, section, interval (cm)	*Haqius circumradiatus*	*Haqius peltatus*	*Hayesites irregularis*	*Hayesites* cf. *H. albiensis*	*Helenea chiastia*	*Helenea staurolithina*	*Helicolithus compactus*	*Helicolithus leckiei*	*Helicolithus trabeculatus*	*Hemipodorhabdus gorkae*	*Kokia* cf. *K. stellata*	*Lapideacassis glans*	*Lapideacassis mariae*	*Lithraphidites bollii*	*Lithraphidites alatus*	*Lithraphidites carniolensis*	*Loxolithus armilla*	*Manivitella pemmatoidea*	*Manivitella* cf. *M. pemmatoidea*	*Mattiolia furva*
2R-CC									R	F						C	F	F		
3R-CC, 14										F						C	F	F		
4R-CC			?•					•		F						C	F	F		
5R-1, 12			R							R						F	R	F		
5R-CC										F						F	R	R		
6R-1, 4							•		•	F			•			C	F	F		
7R-1, 2–4			R		F					F						R	F	F		
8R-1, 1					R			R		F						F	F	R		
9R-1, 8–11	F		F	R	F			F		C						C	F	F	R	
10R-1, 13–15	F	•	C	R	F			•		R						C	R	F	R	•
11R-1, 58–60	R		C		R					R			•			C	R	F		
12R-1, 35–37	R		C	R	F			•		F			•			C	R	F	R	
13R-1, 8-9	F		C		F					F						C	R	F		
14R-1, 24	R		C	F	F					F		•	•		•	A	R	F	R	
15R-1, 42	R		C		F					F						A	F	F	R	
15R-1, 54	R		C		R					F		•				A	F	R	R	
16R-1, 29	F	R	C		R			F	•	F		R	R		R	A	R	F		
17R-1, 27	F	F	C		F					F						A	R	R		
18R-1, 30	F		F		F					F						C		R		
19R-1, 2	F	F	C	R	C					F			•			A		R	R	
19R-1, 37	F		C	R	F					F					R	A		R	F	
20R-1, 23–24	R		C		C											A			F	
21R-1, 21–23		•	C		F											C				
21R-1, 68	F		C		F											F				
21R-1, 103–112	C		C		F					F						C		R		
22R-1, 32–33	F	F	C		F					F						A		•	R	
22R-1, 43	R	•	F		F											C	R		R	
22R-1, 72–77	F				F											C				
23R-1, 54–56																				
23R-1, 93																				
23R-1, 112																				
23R-1, 120–122	R		•													R				
24R-1, 43	R	R	R		C											C				
24R-1, 46–47	R				C											C		•		
24R-1, 72–75	R				R	R				R	R	•				A	F			
25R-1, 12	F	R			F						•	•	•	•		C	F			
25R-1, 19–20	R				F											C	F	•	R	
25R-1, 22	F	F			F						R					C	•			

Core, section, interval (cm)	*Micrantholithus* segments	*Nannoconus* cf. *N. abundans*	*Nannoconus steinmannii*	*Nannoconus truitti rectangularis*	*Nannoconus* (top view)	*Percivalia fenestrata*	*Pickelhaube furtiva*	Podorhabdid rims	*Prediscosphaera columnata* (circular)	*Prediscosphaera columnata* (subcircular)	*Prediscosphaera columnata* (large)	*Prediscosphaera spinosa*	*Radiolithus hollandicus*	*Radiolithus planus*	*Retecapsa angustiforata*	*Retecapsa crenulata*	*Retacapsa surirella*	Retacapsid rims	*Rhagodiscus achylostaurion*	*Rhagodiscus amplus*
2R-CC									C		F	F		R		F	R		F	
3R-CC, 14									F		F	R		R		F	R		C	
4R-CC									C		F	R		R		C			C	
5R-1, 12									R			•				C		C	F	
5R-CC									R					R		C			F	
6R-1, 4									F					R		C	R		C	
7R-1, 2–4									C			•				F			F	
8R-1, 1									F									F	F	
9R-1, 8–11				•	•				A				?•			C	R	C	C	
10R-1, 13–15													•			C		C	C	
11R-1, 58–60									R							F		C	C	
12R-1, 35–37													R	R		F			C	
13R-1, 8-9									R					R		F	R		C	
14R-1, 24									F							F		C	F	F
15R-1, 42									F							R	F		R	
15R-1, 54							?•		C	F							F			
16R-1, 29									C	C							R		F	R
17R-1, 27									•										R	
18R-1, 30										•										
19R-1, 2										R							R			R
19R-1, 37									R	R							R			R
20R-1, 23–24									•	F		R				R	R		R	R
21R-1, 21–23																				R
21R-1, 68																	R			R
21R-1, 103–112							F							?•						•
22R-1, 32–33																	R			R
22R-1, 43																				
22R-1, 72–77																				
23R-1, 54–56																				
23R-1, 93																				
23R-1, 112																				
23R-1, 120–122																				
24R-1, 43																				
24R-1, 46–47																		F		
24R-1, 72–75	A	•	•		R	R									F		R			
25R-1, 12	A		R		R	•									F	R	F			
25R-1, 19–20	A		R		R	•	R	F							F		F			
25R-1, 22	A					•	F								F	R	C			

Core, section, interval (cm)	*Rhagodiscus angustus*	*Rhagodiscus asper*	*Rhagodiscus infinitus*	*Rhagodiscus pseudoangustus*	*Rhagodiscus robustus*	*Rhagodiscus sageri*	*Rotelapillus laffittei*	*Rotelapillus laffittei* (petaloid)	*Rotelapillus laffittei* (large)	*Speetonia colligata*	*Staurolithites aenigma*	*Staurolithites gausorhethium*	*Staurolithites glaber*	*Staurolithites mutterlosei*	*Staurolithites siesseri*	*Staurolithites* spp.	*Staurolithites* (small, bicyclic)	*Stoverius achylosus*	*Stradnerlithus silvaradius*	*Tegumentum stradneri*
2R-CC	F	R					C				R	F	F							C
3R-CC, 14	F	R					R						F				R			F
4R-CC	R				?•		R				?•	R	R				R			F
5R-1, 12							R													R
5R-CC	R						R						R							F
6R-1, 4	R						R					F	R							F
7R-1, 2–4	R	R					R								?•					C
8R-1, 1												•								F
9R-1, 8–11	C	F					F							F			R	R		F
10R-1, 13–15	R	R					R							•						F
11R-1, 58–60	F	F					R							R				F		R
12R-1, 35–37	R	F					F											R		F
13R-1, 8-9	R	F					F							R				R		F
14R-1, 24	R	F			F		F								F			R		F
15R-1, 42		F			F		R								F					
15R-1, 54	F	F			F		C								C			R		
16R-1, 29	C	C			F		A	R							F		R			F
17R-1, 27	F	F			F		C								C			R		F
18R-1, 30	R	F					F								F			R		R
19R-1, 2	F	F			F		C								C			F		F
19R-1, 37		F			F		C							R	C			F		F
20R-1, 23–24	R	C				R	C	R				?•			A					F
21R-1, 21–23		R					F								F					
21R-1, 68		R					F					?•			F					
21R-1, 103–112		R					R							R	F					R
22R-1, 32–33		C					C								C					R
22R-1, 43		F					F								F		R			
22R-1, 72–77		R					R								R	R	R			
23R-1, 54–56																				
23R-1, 93																				
23R-1, 112																				
23R-1, 120–122		•					R									R				
24R-1, 43		F					F								R	R				
24R-1, 46–47		R					R		R											
24R-1, 72–75		C	F				F								F	F				R
25R-1, 12		C	R				F			F				•		F				
25R-1, 19–20		C	R	R			F			F					F	F			•	R
25R-1, 22		F	F			R	F			R					?	R			•	

Core, section, interval (cm)	*Tetrapodorhabdus coptensis*	*Tranolithus gabalus*	*Tranolithus orionatus*	*Tubodiscus burnettiae*	*Tubodiscus frankiae*	*Tubodiscus jurapelagicus*	*Watznaueria barnesae*	*Watznaueria britannica*	*Watznaueria cynthae*	*Watznaueria fossacincta*	*Watznaueria* sp. 1	*Zeugrhabdotus diplogrammus*	*Zeugrhabdotus clarus*	*Zeugrhabdotus embergeri*	*Zeugrhabdotus* cf. *Z. embergeri*	*Zeugrhabdotus* cf. *Z. erectus*	*Zeugrhabdotus howei*	*Zeugrhabdotus* cf. *Z. kerguelenensis*	*Zeugrhabdotus noeliae*	*Zeugrhabdotus scutula*	*Zeugrhabdotus xenotus*	*Zeugrhabdotus* cf. *Chiastozygus spissus*	*Zeugrhabdotus petrizzoae*
2R-CC	C		C	•			A			C		C		F	F		A						
3R-CC, 14	F		C	R			A				R	C	R	F			C		F				
4R-CC	F	R	F	R			A					C		F			C						
5R-1, 12	R						A			C		F					C						
5R-CC	F	R	F				A			C		C	R	R			C		F				
6R-1, 4	F	F	F	F			A	R	•			C	R	F			C		F			F	
7R-1, 2–4	F	F	R	F			A			C	R	F	R	F			C						R
8R-1, 1	R	R	•				C			F		F			R		F					•	
9R-1, 8–11	R	F	•				A	R				F	F	R			C				F		
10R-1, 13–15		F		R			A					R	R	F			C	•					
11R-1, 58–60		F		R			A	R		C		F	R	R	R		C				R		
12R-1, 35–37		F		R			A	R		C		R	•	R			F		F		R		
13R-1, 8-9		F		F			A		•	F		R	•	R			F				R		
14R-1, 24		F		F			A			C		R		R			C				R		R
15R-1, 42		R		R			A			C				F			C						R
15R-1, 54		F		F			A	R		C		R		F			C						
16R-1, 29		F		F			A	R		C	R	F		R			C						
17R-1, 27		C		C			A	F	•	C		F	R	F			C		F				
18R-1, 30		R		R			A		•				R	F			F						
19R-1, 2		F		F			A	F	R	C		F	R	F			C						
19R-1, 37		R		C			A	F	•	C	R	R	R	F			C						
20R-1, 23–24				F			A	F		C	R	R		F			C		F				
21R-1, 21–23				R			A	F		C	F			F			R						
21R-1, 68				F			A	F		C	F			C									
21R-1, 103–112				C		•	A							C			F						
22R-1, 32–33				C			A							F			F		C				
22R-1, 43				R			C			F				F									
22R-1, 72–77							C							R			R						
23R-1, 54–56																							
23R-1, 93																							
23R-1, 112																							
23R-1, 120–122						R	C							R									
24R-1, 43						F	C							F						F			•
24R-1, 46–47						R	C							C						F			
24R-1, 72–75		•		F	F	F	C							F						F			
25R-1, 12				F	C	F	C							F			F						•
25R-1, 19–20		•		F	C	F	A							F			R		F				
25R-1, 22				F	C	F	A							C		R	R						

Notes: Preservation: G = good, M = moderate, P = poor. Species abundance: A = abundant (>10%), C = common (1%–10%), F = few (0.1%–1%), R = rare (<0.1%), B = barren. Total abundance: A = abundant (>10 per field of view [FOV]), C = common (1–10 per FOV), F = few (1 per 2–10 FOV), R = rare (1 per 11–100 FOV), • = 1 or 2 specimens. ? = questionable occurrence. Shading = age-diagnostic taxa.